

Converting Colors

HunterLab(40.2916, 17.5442,
23.9259)

Have a look what the booklet for
HunterLab(40.2916, 17.5442,
23.9259) contains.

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Color

**HunterLab(40.2172, 17.8695,
23.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	A65E17
RGB	166, 94, 23
RGB Percent	65%, 37%, 9%
CMY	0.3490, 0.6314, 0.9098
CMYK	0.00, 0.43, 0.86, 0.35
HSL	30°, 76%, 37%
HSV	30°, 86%, 65%
XYZ	19.8832, 16.1742, 2.8846
YIQ	107.4340, 65.7030, -6.8170

Conversions

Conversions Part 2

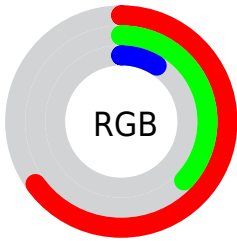
Format	Color
R_{YB}	166, 164, 23
Decimal	10903063
CIE _{Lab}	47.20, 24.39, 49.35
CIE _{LCh}	47, 55.046, 63.701
Yxy	16.1751, 0.5106, 0.4153
Android (android.graphics.Color)	4289093143 (0xFFA65E17)
YUV	107.4340, -41.6260, 51.3624
Hunter-Lab	40.2172, 17.8695, 23.8995

Details

The HunterLab color **40.2172, 17.8695, 23.8995** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **33.3453, 2.2862, -43.5583**, and the grayscale version is **38.6458, -2.0620, 2.0997**.

A 20% lighter version of the original color is **60.7569, 19.2003, 31.4521**, and **22.8499, 16.2647, 14.3647** is the 20% darker color. If you saturate the color by 10%, you get **38.3671, 21.5351, 23.7346**, and if you desaturate by 10%, it is **42.2275, 14.4023, 23.5035**.

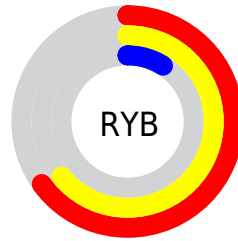
Distribution



Red (65%)

Green (37%)

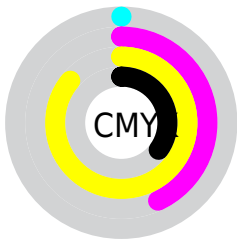
Blue (9%)



Red (65%)

Yellow (64%)

Blue (9%)

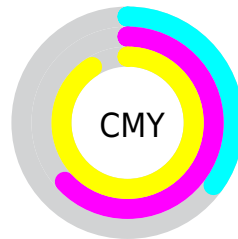


Cyan (0%)

Magenta (43%)

Yellow (86%)

Black (35%)



Cyan (35%)

Magenta (63%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2172, 17.8695, 23.8995 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 40.2172, 17.8695, 23.8995 by changing the saturation by 10% instead.

40.2172, 17.8695,
23.8995

40.2172, 17.8695,
23.8995

151.7803, 21.4911,
53.5579

31.0614, 17.0058,
19.7652

60.7469, 19.2437,
31.4520

22.7295, 16.0080,
15.9106

72.0212, 19.7852,
34.9469

15.3139, 14.8565,
10.7197

83.9177, 20.2422,
38.2964

8.9300, 13.6346,
6.2510

96.4055, 20.6225,
41.5245

0.0000, INF, NaN

0.0000, NaN, NaN

109.4578, 20.9324,
44.6506


0.0000, NaN, NaN


123.0512, 21.1775,


0.0000, NaN, NaN


47.6901


0.0000, NaN, NaN


 137.1649, 21.3624,
50.6558

 40.2172, 17.8695,
23.8995

 40.2172, 17.8695,
23.8995


 38.3671, 21.5351,
23.7346

 42.2275, 14.4023,
23.5035

 37.6904, 22.9598,
23.6266

 44.3873, 11.1894,
22.5149

 46.6877, 8.2498,
20.9521

 49.1185, 5.5901,
18.8491

 51.6696, 3.2069,
16.2475

■ 54.3314, 1.0900,
13.1911

■ 57.0951, -0.7748,
9.7228

■ 59.9526, -2.4037,
5.8826

■ 62.8965, -3.8140,
1.7072

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.2183, 38.3706, 18.4731



40.2172, 17.8695, 23.8995



40.2183, -4.7830, 24.9862

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.2183, 17.8669, 23.8999



40.2183, -35.6598, -0.4340



40.2183, 23.4702, -46.2275

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.2172, 17.8695, 23.8995



33.3453, 2.2862, -43.5583

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.2183, 0.5564, -60.1921



40.2172, 17.8695, 23.8995



40.2183, -31.0981, -26.3322

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.2183, 17.8669, 23.8999



40.2183, -32.9168, 16.0113



40.2183, -18.8820, -51.4684



40.2183, 42.0539, -19.4359

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.2172, 17.8695, 23.8995



40.2183, -17.4597, 24.1217



40.2183, -18.8820, -51.4684



40.2183, 15.8641, -53.0709

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.2183, 17.8669, 23.8999



73.0706, 1.5597, 17.9203



30.9527, 50.7000, -1.6481



33.9959, 1.1697, 9.1521



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.2183, 17.8669, 23.8999



50.3581, 31.9081, 31.5890



58.8069, -14.6217, 35.1632



28.5211, -0.9249, 3.4447



33.3307, 19.8929, 20.8865



6.1061, 1.2018, 3.7836

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.3453, 2.2862, -43.5583



39.9512, 10.3923, -72.3696



19.0976, 37.5413, -99.5759



28.1092, -1.9951, -0.4707



26.6355, 5.7751, -45.7589



5.2431, -0.9592, -4.4829

Previews

White Background



This preview shows how the HunterLab color 40.2172, 17.8695, 23.8995 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.2172, 17.8695, 23.8995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.2172, 17.8695, 23.8995 Background



This preview shows how black text looks on a background with the HunterLab color 40.2172, 17.8695, 23.8995.



This preview shows how white text looks on a background with the HunterLab color 40.2172, 17.8695,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.2172, 17.8695, 23.8995

Protanopia

40.4100, -5.7009, 23.1888

Deuteranopia

40.3741, 2.2911, 24.2548



Tritanopia

40.2773, 26.4478, 9.6932

Trichromacy



Original Color

40.2172, 17.8695, 23.8995

Protanomaly

40.0567, 2.6480, 23.2826

Deuteranomaly

40.1568, 8.0612, 24.0407

Tritanomaly

40.0681, 22.7570, 16.9958

Monochromacy



Original Color

40.2172, 17.8695, 23.8995

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.2279, 2.9453, 13.0028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2172, 17.8695, 23.8995 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(166, 94, 23)` looks like.

```
.text, #text, p{  
    color:rgb(166, 94, 23)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(166, 94, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 94, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2172, 17.8695, 23.8995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 94, 23) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(166, 94, 23) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(166, 94, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 94, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 94, 23);  
box-shadow:4px 4px 4px 4px rgb(166, 94,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2172, 17.8695, 23.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 94, 23) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(166, 94,  
23) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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